

REMARKS

The Section 102 Rejections

Claims 1-32 were rejected under 35 U.S.C. §102(e) as being unpatentable over U.S. Patent Pub. No. 2005/0020299 to Malone et al. ("Malone"). Applicants respectfully disagree and traverse these rejections for at least the following reasons.

Each of the claims of the present invention include the feature of generating, for each frame, a set of *active* WLAN cells from one or more WLAN cells based on an allocation vector and allocating, for each frame and to each one of the one or more active WLAN cells, one or more channels from among a group of available channels. Malone does not disclose, or suggest, these features.

Instead, Malone appears to disclose the use of a CSMA period and/or WLAN backoff period to determine whether a channel is clear. According to Malone, mobile stations compete for an opportunity to transmit based on whether a channel is clear and a carrier can be sensed (see paragraphs 148-149). Malone appears to additionally disclose a multi-mode device (paragraph 158), PS-polling (paragraph 159), WLAN beacon transmissions (paragraph 167), and prioritized communication capabilities (paragraph 172). None of the time periods or other techniques in Malone are akin to the use of an allocation vector as in claims 1-32.

Accordingly, Applicants respectfully request withdrawal of the rejections and allowance of claims 1-32.

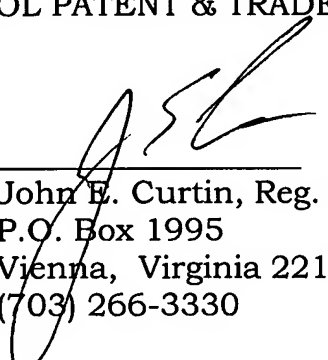
In the event this Response does not place the present application in condition for allowance, Applicants request that the Examiner contact the undersigned at (703) 266-3330 to schedule a personal interview.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 50-3777 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

CAPITOL PATENT & TRADEMARK LAW FIRM, PLLC.

By



John E. Curtin, Reg. No. 37,602
P.O. Box 1995
Vienna, Virginia 22183
(703) 266-3330

JEC/rfs